

KT MEDICAL

**Guide Wire
OEM Service**





About Us

KT Medical Inc. offers exceptional services tailored for medical device applications. Our core focus lies in the specialized production of “guide wires” and “wire forms and components”, where we consistently strive for excellence. Our unwavering dedication to quality is demonstrated through our certifications in ISO 13485 and GMP, underscoring our commitment to medical industry standards.

Nitinol

Titanium

CPTI GR.1 · CPTI GR.2
CPTI GR.4 · TI-6Al-4V ELI

Stainless Steel

302/302V · 304/304V · 305
316/316LVM · 420J2
630(17-4) · 631(17-7)

Other medical grade alloys per request.

Pre-straightened Wire

PTFE Coated Wire

Tapered Wire

Coil

Hard Wire

Soft Wire

Flat Wire



Wire Drawing

Coating

Heat Treatment

Wire Forming

Why Choose Us

We take immense pride in our wide range of skills, including wire drawing, coating, grinding, coiling, welding, and wire forming. These capabilities are intricately woven into every product we make. Leveraging the extensive knowledge of our parent company with over 40 years of wire manufacturing experience, we infuse compassion into every aspect of our work.

At KT Medical Inc., we are dedicated to making a positive impact in the medical device field. With our comprehensive approach and years of experience, we are sure that we are a reliable partner for you.

HQ & Factory
Kaohsiung, Taiwan (HQ)
Tainan, Taiwan

Sales Office
U.S. Switzerland
Japan Germany

Warehouse
Costa Rica
Mexico
Malaysia



ISO 13485 Medical Devices - Quality Management Systems

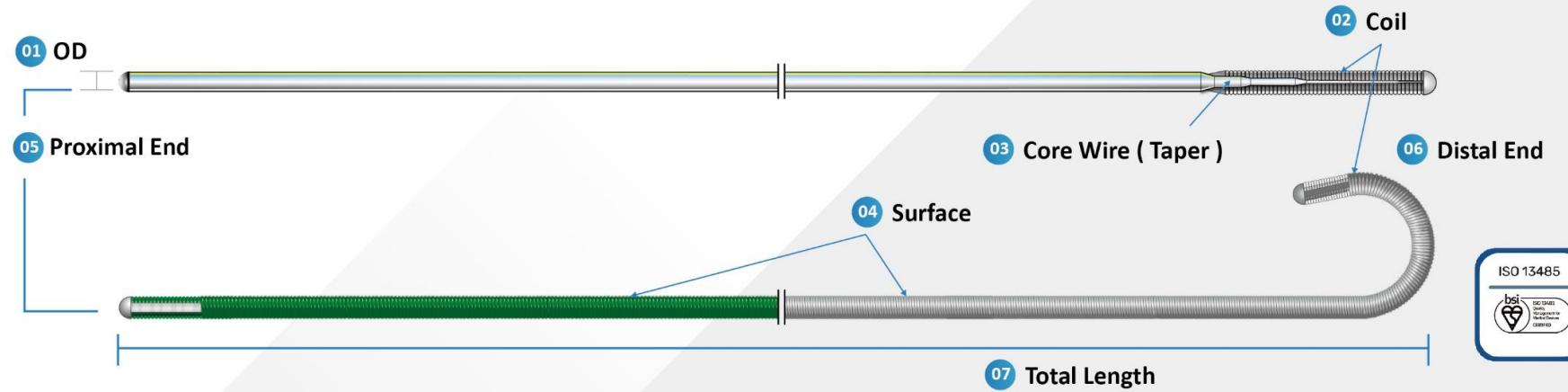


ISO 11070 Sterile single-use intravascular introducers, dilators and guidewires

JIS T3242 The guide wire for non-vascular use

JIS T3267 The guide wire for intravascular use

DESIGN YOUR OWN GUIDEWIRE



01 OUTER DIAMETER

- .014" / .018" / .021" / .025" / .028" / .032" / .035" / .038"
- Customized sizes are available upon request

02 COIL

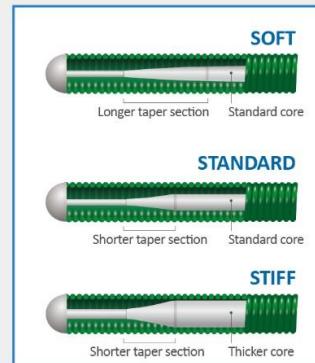
- Stainless Steel 302 / 302V, 304 / 304V, 316LVM
- Radiopaque Pt - Ir / Pt - W / Pt - Ni
- Coil OD and length can be customized

03 CORE WIRE

- Stainless Steel 302 / 302V, 304 / 304V, 316LVM
- Nitinol (non-kinking)

MULTI TAPER FLEXIBILITY

- Core diameter .008" - .02" (0.2 – 0.5mm)
- Distal flexible length 3 - 30cm
- Stiffness : soft / standard / amplatz (stiff)



04 SURFACE

- PTFE coating (green / blue / clear)
- Bare stainless steel
- Visual depth marker



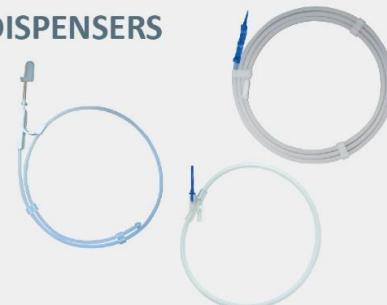
PACKAGE & ACCESSORIES

- Guidewire in bulk, non - sterile
- Guidewire in dispenser in bulk, non - sterile
- Individual sterile pouch

Sterile Pouches

- Tyvek® + Film
- Customized pouch size and label printing

DISPENSERS



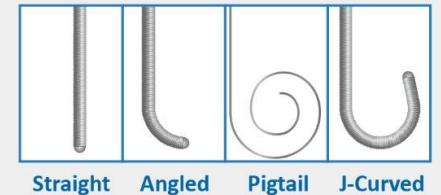
05 PROXIMAL END

- Standard straight
- Soft straight (double soft ends)



06 DISTAL END

- Straight
- Angled
- Pigtail
- J-curved 1.5mm / 3.0mm / 6.0mm / 9.0mm
- Radiopaque tip



07 TOTAL LENGTH

- Total length 30-450cm

01 - 07 CUSTOMIZATION IS AVAILABLE UPON REQUEST.

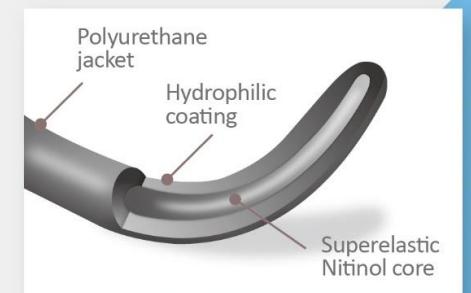
HYDROPHILIC GUIDEWIRE

Standard length

60cm / 150cm / 180cm / 260cm

Standard OD

.025" (0.64mm) .032" (0.81mm)
.035" (0.89mm) .038" (0.97mm)



CONVERSION TABEL

NOTE

Diameter

| | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| inch | .0010 | .0015 | .0020 | .0025 | .0030 | .0035 | .0040 | .0045 | .0050 |
| mm | .0254 | .0381 | .0508 | .0635 | .0762 | .0889 | .1016 | .1143 | .1270 |

| | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| inch | .010 | .014 | .018 | .021 | .025 | .028 | .032 | .035 | .038 |
| mm | .2540 | .3556 | .4572 | .5334 | .6350 | .7112 | .8128 | .8890 | .9652 |

| | | | | | | | | | |
|--------------|------|------|------|------|------|------|------|------|------|
| inch | .039 | .053 | .066 | .079 | .092 | .105 | .118 | .131 | .144 |
| mm | 1 | 1.3 | 1.7 | 2.0 | 2.3 | 2.7 | 3.0 | 3.3 | 3.7 |
| French scale | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |

| | | | | | | | | | |
|--------------|------|------|------|------|------|------|------|------|------|
| inch | .158 | .170 | .184 | .197 | .210 | .223 | .236 | .249 | .263 |
| mm | 4 | 4.3 | 4.7 | 5.0 | 5.3 | 5.7 | 6.0 | 6.3 | 6.7 |
| French scale | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |

| | | | | | | | | | |
|--------------|------|------|------|------|------|------|------|------|-------|
| inch | .288 | .315 | .341 | .367 | .393 | .419 | .445 | 1 | 12 |
| mm | 7.3 | 8.0 | 8.7 | 9.3 | 10.0 | 10.7 | 11.3 | 25.4 | 304.8 |
| French scale | 22 | 24 | 26 | 28 | 30 | 32 | 34 | | |

1 inch = 25.4 mm
1mm = .039 inch

Length

| | | | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ft | 1 | 2 | 3 | 4 | 5 | 10 | 12 | 15 | 20 |
| inch | 12 | 24 | 36 | 48 | 60 | 120 | 144 | 180 | 240 |
| cm | 30.48 | 60.96 | 91.44 | 121.9 | 152.4 | 304.8 | 365.8 | 457.2 | 609.6 |
| mm | 304.8 | 609.6 | 914.4 | 1219 | 1524 | 3048 | 3658 | 4572 | 6096 |

| | | | | | | | | | |
|------|-------|-------|-------|-------|--|--|--|--|--|
| ft | 1 | .0833 | .0328 | .0033 | | | | | |
| inch | 12 | 1 | .3937 | .0394 | | | | | |
| cm | 30.48 | 2.54 | 1 | 0.1 | | | | | |
| mm | 304.8 | 25.4 | 10 | 1 | | | | | |

1 foot = 12 inch = 30.48 cm = 304.8 mm
1 inch = .0833 ft = 2.54 cm = 25.4mm
1 cm = .0328 ft = .3937 inch = 10 mm
1 mm = .0033 ft = .0394 inch = 0.1cm

Contact Us

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